

12/10/01

1131 U.S. PTO

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PTO/SB/05 (11-00)

Approved for use through 10/31/2002. OMB 0651-0032

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

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UTILITY
PATENT APPLICATION
TRANSMITTAL

(Only for new non provisional applications under 37 CFR 1.53(b))

Attorney Docket No. N.C. 82,591

First Inventor Keller

Title METAL NANOPARTICLE THERMOSET AND CARBON
COMPOSITIONS FROM

Express Mail Label No.

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents.

1. ☒ Fee Transmittal Form (e.g., PTO/SB/17)
(Submit as original and a duplicate for fee processing)
2. ☐ Applicant claims small entity status.
See 37 CFR 1.27.
3. ☒ Specification [Total Pages 27]
(preferred arrangement set forth below)
- Descriptive title of the invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R & D
 - Reference to sequence listing, a table, or a computer program listing appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Drawing(s) (35 U.S.C. 113) [Total Sheets 2]
5. Oath or Declaration [Total Pages]
- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63 (d))
(for continuation/divisional with Box 18 completed)
- i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s)
named in the prior application, see 37 CFR
1.63(d)(2) and 1.33(b).
6. ☒ Application Data Sheet. See 37 CFR 1.76

ADDRESS TO: Assistant Commissioner for Patents
Box Patent Application
Washington, DC 20231

7. ☐ CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)
- a. ☐ Computer Readable Form (CRF)
- b. Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
- ii. ☐ paper
- c. ☐ Statements verifying identity of above copies

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement of Power of Attorney
(when there is an assignee)
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Request and Certification under 35 U.S.C. 122
(b)(2)(13)(i). Applicant must attach form PTO/SB/35
or its equivalent.
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP)

of prior application No.: /

Prior application information:

Examiner

Group Art Unit.

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

CORRESPONDENCE ADDRESS

☒ Customer Number or Bar Code Label

(Insert Customer No. or Attach bar code label here)

or ☐ Correspondence address below

Name Naval Research Laboratory, Code 1008.2

Address 4555 Overlook Ave., S.W.,

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Name (Print/Type) John J. Karasek

Registration No. (Attorney/Agent) 36,182

Signature

Date

12/10/01

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231.

1131 U.S. PTO

10/006385

12/10/01

FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT

(\$ 740

Complete if Known

Application Number	Not yet assigned
Filing Date	December 10, 2001
First Named Inventor	Keller
Examiner Name	Not yet assigned
Group Art Unit	Not yet assigned
Attorney Docket No.	82,591

10/006385
12/10/01

METHOD OF PAYMENT

1. ☒ The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to

Deposit Account Number: 50-0281
Deposit Account Name: Naval Research Laboratory

- ☒ Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
☐ Applicant claims small entity status, See 37 CFR 1.27

2. ☐ Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other

FEE CALCULATION

1. BASIC FILING FEE

Large Entity	Small Entity	Fee Description	Fee Paid
101 740 201 370		Utility filing fee	740
106 330 206 165		Design filing fee	
107 510 207 255		Plant filing fee	
108 740 208 370		Reissue filing fee	
114 160 214 80		Provisional filing fee	

SUBTOTAL (1) (\$ 740

2. EXTRA CLAIM FEES

Total Claims: 18
Independent Claims: 3
Multiple Dependent: 15
Extra Claims: 0
Fee from below: 0
Fee Paid: 0

Large Entity	Small Entity	Fee Description	Fee Paid
103 18 203 9		Claims in excess of 20	
102 84 202 42		Independent claims in excess of 3	
104 280 204 140		Multiple dependent claim, if not paid	
109 84 209 42		** Reissue independent claims over original patent	
110 18 210 9		Reissue claims in excess of 20 and over original patent	

SUBTOTAL (2) (\$ 0

*or number previously paid, if greater. For Reissues, see above

FEE CALCULATION (continued)

3. ADDITIONAL FEES

Large Entity	Small Entity	Fee Description	Fee Paid
105 130 205 65		Surcharge - late filing fee or oath	
127 50 227 25		Surcharge - late provisional filing fee or cover sheet	
139 130 139 130		Non-English specification	
147 2,520 147 2,520		For filing a request for ex parte reexamination	
112 920* 11 2 920*		Requesting publication of SIR prior to Examiner action	
113 1,840* 113 1,840*		Requesting publication of SIR after Examiner action	
115 110 215 55		Extension for reply within first month	
116 400 216 200		Extension for reply within second month	
117 920 217 460		Extension for reply within third month	
118 1,440 218 720		Extension for reply within fourth month	
128 1,960 228 980		Extension for reply within fifth month	
119 320 219 160		Notice of Appeal	
120 320 220 160		Filing a brief in support of an appeal	
121 280 221 140		Request for oral hearing	
138 1,510 138 1,510		Petition to institute a public use proceeding	
140 110 240 55		Petition to revive - unavoidable	
141 1,280 241 640		Petition to revive - unintentional	
142 1,280 242 640		Utility issue fee (or reissue)	
143 460 243 230		Design issue fee	
144 620 244 310		Plant issue fee	
122 130 122 130		Petitions to the Commissioner	
123 50 123 50		Processing fee under 37 CFR 1.17(c)	
126 180 126 180		Submission of Information Disclosure Stmt	
581 40 581 40		Recording each patent assignment per property (times number of properties)	
146 740 246 370		Filing a submission after final rejection (37 CFR § 1.129(a))	
149 740 249 370		For each additional invention to be examined (37 CFR § 1.129(b))	
179 740 279 370		Request for Continued Examination (RCE)	
169 900 169 900		Request for expedited examination of a design application	

Other fee (specify) _____

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 0

SUBMITTED BY

Name (Print/Type)	John J. Karasek	Registration No. (Attorney/Agent)	36,182	Telephone	202-404-1552
Signature		Date	12/10/01		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

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5870
1008.2
December 10, 2001

Navy Case No. 82,591

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application: Keller et al

For: **"METAL NANOPARTICLE THERMOSET AND CARBON COMPOSITIONS FROM MIXTURES OF METALLOCENE-AROMATIC-ACETYLENE COMPOUNDS"**

NOTICE TO FILING WITHOUT OATH OR DECLARATION BY APPLICANT

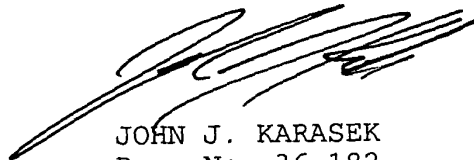
Honorable Commissioner of Patents and Trademarks
Washington, D.C. 20231

Sir:

Please take notice that this application is being filed pursuant to 37 C.F.R. 153(d) without the oath or declaration of the Applicant. This is being done to secure an early filing date.

Upon the Notice from the Patent Office required by 1.53(d), Applicant will file the required oath or declaration, and pay the surcharge as set forth in 37 C.F.R. 1.16(e).

Respectfully submitted,



JOHN J. KARASEK
Reg. No. 36,182

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